

bright green. GRID 30X



Bright Green Grid 30X is specifically designed to illuminate very slim posterboxes and signage. The coated version (X) adds protection against aggressive environments and increased power efficiency.

24V
5yr WARRANTY
DIMMABLE
6 SIZES
Flame Retardant
STRICT BIN CONTROL for consistent colour temperature
CE
IES FILE AVAILABLE

Specification

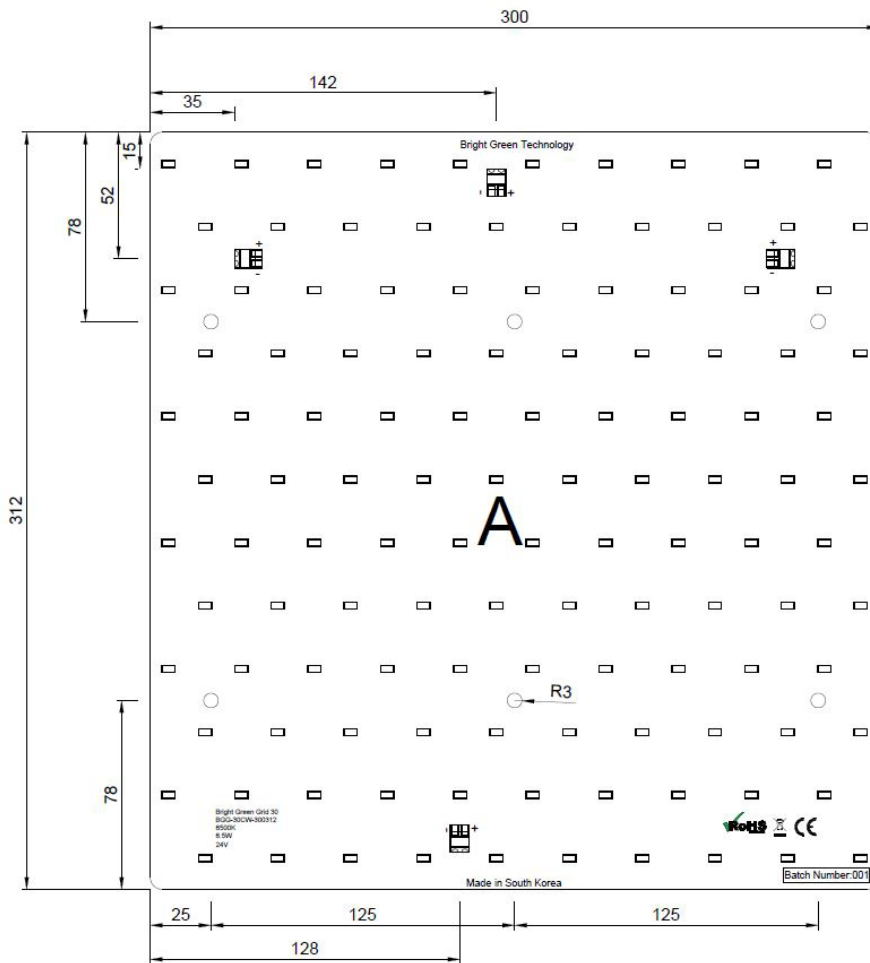
	GRID 30 PANEL A	GRID 30 PANEL B	GRID 30 PANEL C	GRID 30 PANEL D	GRID 30 PANEL E	GRID 30 PANEL F
Product Code	BGG-30**-300312A-X	BGG-30**-60312B-X	BGG-30**-30052C-X	BGG-30**-6052D-X	BGG-30**-36423-E-X	BGG-30**-36020F-X
Operating Voltage	24V					
Principal Materials	FR4 PCB A/B					
Lumen Maintenance	>50,000 hours					
Colour**	65=Cool White 6500K/40=Neutral White 4000K/27=Warm White 2700K					
Dimmable	Yes					
LED Pitch	30mm					
Fire Rating Performance	Flame Class V-0					
Dimensions	300mm x 312mm	60mm x 312mm	300mm x 52mm	60mm x 52mm	364mm x 23mm	260mm x 20mm
Thickness	PCB: 1.2mm maximum including connectors: 5.7mm					
Weight (Kg) 1/2 channel	0.248/0.256	0.048/0.058	0.045/0.050	0.011/0.014	0.012/0.015	0.022/0.025
Power	4.86W	1.0W	1.3W	0.32W	0.34W	0.34W
Lumens per Panel (2700/6500K)	798-855	160-175	133-144	26-29	155-167	155-167
Number of LEDs	120	24	20	4	14	12
Photo Biological Classification	IEC 62471 Exempt					
Classification	LED modules for general lighting IEC 62031 approved					

DATASHEET

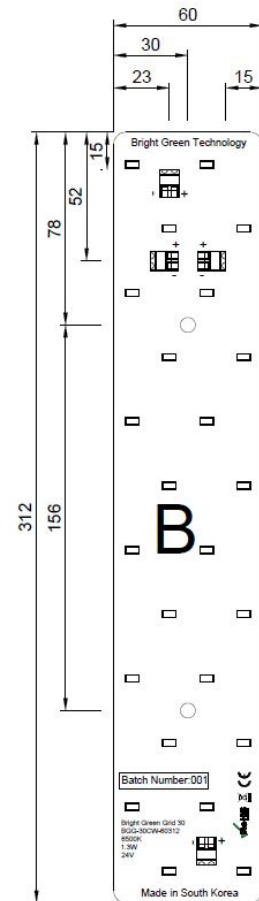
bright green. GRID 30X

Dimensions

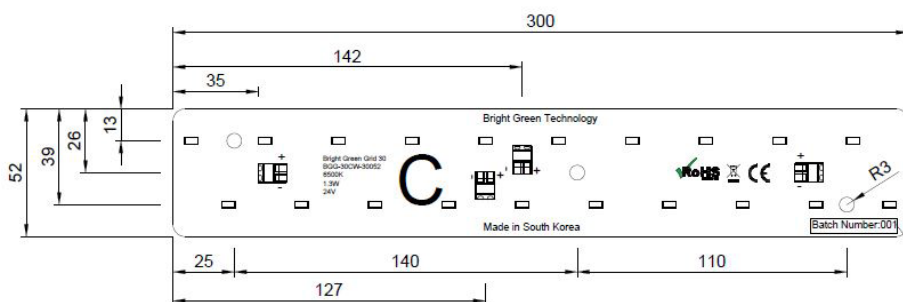
Grid 30X - Panel A



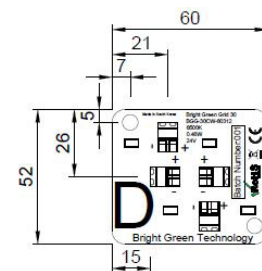
Grid 30X - Panel B



Grid 30X - Panel C



Grid 30X - Panel D

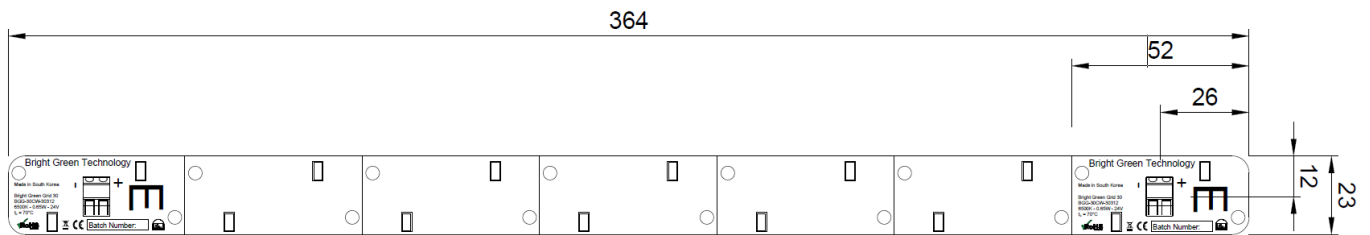


DATASHEET

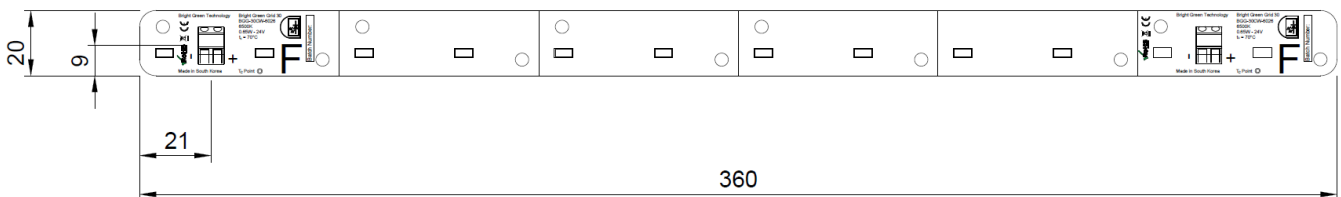
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Dimensions

Grid 30X - Panel E



Grid 30X - Panel F



Coating

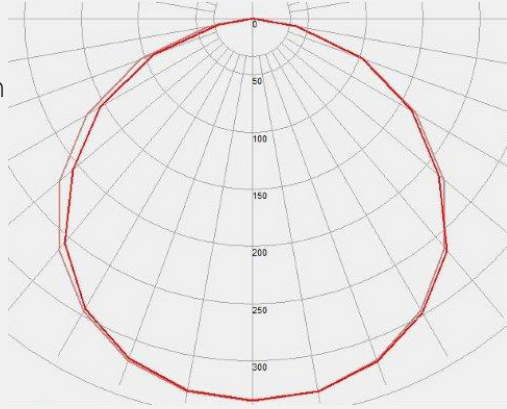
The LEDs on all panels are selectively coated with an optically clear, aromatic free conformal material. The coating increases resistance to hostile, damp and humid environments. Clarity is maintained and there is minimal colour shift.

DATASHEET

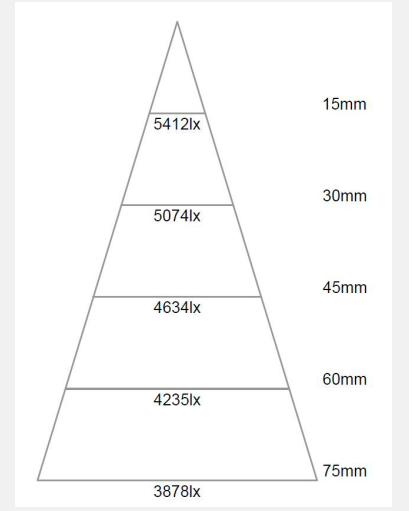
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Photometric Data

Light distribution



Lux test



Operation Notes

Operating temperature range: -30° to 50°C

Store internally in a cool/dry location.

Storage temperature range: 0° to 30°C

Maximum storage time: 90 days before switch-on, refer to manufacturer for storage time >90 days.

Protect from corrosive environments during storage.

Insulation designed for 24V operation.

Connection

Installation should be carried out by suitably qualified personnel.

Please see the Bright Green Grid 30 Install Guide for more information.